

CLAIMS

1. An information processing apparatus for managing data that is recorded on a recording medium, the information processing apparatus comprising:

5 creating means for creating label information describing content of the data; and

recording means for recording the label information created by the creating means on the recording medium.

2. The information processing apparatus according to Claim

10 1,

wherein the label information includes an identifier for identifying a format that is a set of files managed under a directory structure created by a single formatting process.

15 3. The information processing apparatus according to Claim 2,

further comprising comparing means for comparing the identifier included in the label information and the identifier included in management information for managing 20 the data.

4. The information processing apparatus according to Claim 1,

wherein the label information includes information regarding a representative frame image representing all the 25 frame images of image data included in the recording medium.

5. The information processing apparatus according to Claim  
4,

further comprising setting means for setting the  
information regarding the representative frame image.

5 6. The information processing apparatus according to Claim  
5,

wherein the setting means selectively sets the  
representative frame image from representative frame images  
of respective clips recorded on the recording medium.

10 7. The information processing apparatus according to Claim  
5,

wherein the setting means sets a beginning frame image  
of a beginning clip as the representative frame image when  
no instruction for setting the representative frame image is  
15 given.

8. The information processing apparatus according to Claim  
1,

wherein the recording medium is an optical disc.

9. The information processing apparatus according to Claim  
20 1,

wherein the recording medium is a semiconductor memory.

10. An information processing method for an information  
processing apparatus that manages data that is recorded on a  
recording medium, the information processing method  
25 comprising:

- a creating step of creating label information  
describing content of the data; and  
a recording controlling step of controlling recording  
of the label information created by processing in the  
5 creating step on the recording medium.
11. A program for allowing a computer to execute processing  
for managing data that is recorded on a recording medium,  
the processing comprising:  
a creating step of creating label information  
10 describing content of the data; and  
a recording controlling step of controlling recording  
of the label information created by processing in the  
creating step on the recording medium.
12. A recording medium having recorded thereon data that is  
15 played back by an information processing apparatus that  
manages data,  
wherein label information describing content of the  
data recorded on the recording medium is recorded.